

CAGGAGCTCAGCTGCAGGAGGCAGGATGGTCTGGAGGCTGGTCCTGCTGGCT
CTGTGGGTGTGGCCAGCACGCAAGCTGGTCACCAGGACAAAGACACGACCT
TCGACCTTTTCAGTATCAGCAACATCAACCGCAAGACCATTGGCGCCAAGCA
GTTCCGCGGGGCCCCGACCCCGGCGTGCCGGCTTACCGCTTCGTGCGCTTTGACT
ACATCCCACCGGTGAACGCAGATGACCTCAGCAAGATCACCAAGATCATGCG
GCAGAAGGAGGGCTTCTTCTCACGGCCCAGCTCAAGCAGGACGGCAAGTCC
AGGGGCACGCTGTTGGCTCTGGAGGGGCCCCGGTCTCTCCCAGAGGCAGTTCC
AGATCGTCTCCAATGGCCCCGCGGACACGCTGGATCTCACCTACTGGATTGA
CGGCACCCGGCATGTGGTCTCCCTGGAGGACGTGCGCCTGGCTGACTCGCAG
TGGAAGAACGTACCGTGCAGGTGGCTGGCGAGACCTACAGCTTGACAGTGG
GCTGCGACCTCATAGACAGCTTCGCTCTGGACGAGCCCTTCTACGAGCACCT
GCAGGCGGAAAAGAGCCGGATGTACGTGGCCAAAGGCTCTGCCAGAGAGAG
TCACTTCAGGGGTTTGCTTCAGAACGTCCACCTAGTGTGTTGAAAACCTCTGTGG
AAGATATTCTAAGCAAGAAGGGTTGCCAGCAAGGCCAGGGAGCTGAGATCA
ACGCCATCAGTGAGAACACAGAGACGCTGCGCCTGGGTCCGCATGTCACCAC
CGAGTACGTGGGCCCCAGCTCAGAGAGGAGGGCCCGAGGTGTGCGAACGCTC
GTGCGAGGAGCTGGGAAACATGGTCCAGGAGCTCTCGGGGCTCCACGTCTC
GTGAACCAGCCCAGCGAGAACCTCAAGAGAGTGTGCAATGATAACCAGTTTC
TCTGGGAGCTCATTGGTGGCCCTCCTAAGACAAGGAACATGTCAGCTTGCTG
GCAGGATGGCCGGTTCTTTGCGGAAAATGAAACGTGGGTGGTGGACAGCTGC
ACCACGTGTACCTGCAAGAAATTTAAAACCATTTGCCACCAAATCACCTGCC
CGCCTGCAACCTGCGCCAGTCCATCCTTTGTGGAAGGCGAATGCTGCCCTTCC
TGCCTCCACTCGGTGGACGGTGAGGAGGGCTGGTCTCCGTGGGCAGAGTGGA
CCCAGTGCTCCGTGACGTGTGGCTCTGGGACCCAGCAGAGAGGGCCGGTCCGTG
TGACGTACCCAGCAACACCTGCTTGGGGGCCCTCCATCCAGACACGGGCTTGC
AGTCTGAGCAAGTGTGACACCCGCATCCGGCAGGACGGCGGCTGGAGCCACT
GGTCACCTTGGTCTTCATGCTCTGTGACCTGTGGAGTTGGCAATATCACACGC
ATCCGTCTCTGCAACTCCCCAGTGCCCCAGATGGGGGGCAAGAATTGCAAAG
GGAGTGGCCGGGAGACCAAAGCCTGCCAGGGCGCCCCATGCCCAATCGATG
GCCGTGGAGCCCCTGGTCCCCGTGGTGGCCTGCACTGTCACCTGTGCCGGT
GGGATCCGGGAGCGCACCCGGGTCTGCAACAGCCCTGAGCCTCAGTACGGAG
GGAAGGCCTGCGTGGGGGATGTGCAAGAGCGTCAGATGTGCAACAAGAGGA
GCTGCCCCGTGGATGGCTGTTTATCCAACCCCTGCTTCCCGGGAGCCCAGTGC
AGCAGCTTCCCCGATGGGTCTGGTCAATGCGGCTCCTGCCCTGTGGGCTTCTT
GGGCAATGGCACCCACTGTGAGGACCTGGACGAGTGTGCCCTGGTCCCCGAC
ATCTGCTTCTCCACCAGCAAGGTGCCTCGCTGTGTCAACACTCAGCCTGGCTT
CCACTGCCCTGCCCTGCCCGCCCCGATACAGAGGGAACCAGCCCGTCGGGGTC
GGCCTGGAAGCAGCCAAGACGGAAAAGCAAGTGTGTGAGCCCGAAAACCCA
TGCAAGGACAAGACACAACTGCCACAAGCACGCGGAGTGCATCTACCTG
GGCCACTTCAGCGACCCCATGTACAAGTGGGAGTGCCAGACAGGCTACGCGG
GCGACGGGCTCATCTGCGGGGAGGACTCGGACCTGGACGGCTGGCCCAACCT
CAATCTGGTCTGCGCCACCAACGCCACCTACCACTGCATCAAGGATAACTGC
CCCCATCTGCCAAATTCTGGGCAGGAAGACTTTGACAAGGACGGGATTGGCG
ATGCTGTGATGATGACGATGACAATGACGGTGTGACCGATGAGAAGGACAA
CTGCCAGCTCCTCTTCAATCCCCGCCAGGCTGACTATGACAAGGATGAGGTT
GGGGACCGCTGTGACAACTGCCCTTACGTGCACAACCCTGCCAGATCGACA

FIG. 1A



CAGACAACAATGGAGAGGGTGACGCCTGCTCCGTGGACATTGATGGGGACG
ATGTCTTCAATGAACGAGACAATTGTCCCTACGTCTACAACACTGACCAGAG
GGACACGGATGGTGACGGTGTGGGGGATCACTGTGACAACCTGCCCCCTGGTG
CACAACCCTGACCAGACCGACGTGGACAATGACCTTGTTGGGGACCAGTGTG
ACAACAACGAGGACATAGATGACGACGGCCACCAGAACAACCAGGACAACCT
GCCCCCTACATCTCCAACGCCAACCAGGCTGACCATGACAGAGACGGCCAGGG
CGACGCCTGTGACCCTGATGATGACAACGATGGCGTCCCCGATGACAGGGAC
AACTGCCGGCTTGTGTTCAACCCAGACCAGGAGGACTTGGACGGTGATGGAC
GGGGTGATATTTGTAAAGATGATTTTGACAATGACAACATCCCAGATATTGA
TGATGTGTGTCCTGAAAACAATGCCATCAGTGAGACAGACTTCAGGAACTTC
CAGATGGTCCCCTTGGATCCCAAAGGGACCACCCAAATTGATCCCAACTGGG
TCATTGCCCATCAAGGCAAGGAGCTGGTTCAGACAGCCAACTCGGACCCCCGG
CATCGCTGTAGGTTTTGACGAGTTTGGGTCTGTGGACTTCAGTGGCACATTCT
ACGTAAACACTGACCGGGACGACGACTATGCCGGCTTCGTCTTTGGTTACCA
GTCAAGCAGCCGCTTCTATGTGGTGATGTGGAAGCAGGTGACGCAGACCTAC
TGGGAGGACCAGCCCACGCGGGCCTATGGCTACTCCGGCGTGTCCCTCAAGG
TGGTGAACCTCCACCACGGGGACGGGCGAGCACCTGAGGAACGCGCTGTGGC
ACACGGGGGAACACGCCGGGGCAGGTGCGAACCTTATGGCACGACCCCAGGA
ACATTGGCTGGAAGGACTACACGGCCTATAGGTGGCACCTGACTCACAGGCC
CAAGACCGGCTACATCAGAGTCTTAGTGATGAAGGAAAACAGGTCATGGCA
GACTCAGGACCTATCTATGACCAAACCTACGCTGGCGGGCGGCTGGGTCTAT
TTGTCTTCTCTCAAGAAATGGTCTATTTCTCAGACCTCAAGTACGAATGCAGA
GATATTTAAACAAGATTTGCTGCATTTCCGGCAATGCCCTGTGCATGCCATGG
TCCCTAGA

FIG. 1B



MVWRLVLLALWVWPSTQAGHQDKDTTDFLFSISNINRKTIGAKQFRGPDGPVPA
YRFVRFDYIPPNADDLSKITKIMRQKEGFFLTAQLKQDGKSRGTLLALEGPGLS
QRQFEIVSNGPADTLDLTWIDGTRHVVSLEDVGLADSQWKNVTVQVAGETYS
LHVGCDLIDSFALDEPFYEHQAEEKSRMYVAKGSARESHFRGLLQNVHLVFENS
VEDILSKKGCQQGQGAEINAISENTETLRLGPHVTTEYVGPSSERRPEVCERSCEE
LGNMVQELSGHLVNVQPSNLRVSNQFLWELIGPPKTRNMSACWQDGR
FFAENETWVVDSCCTTCTCKKFKTICHQITCPPATCASPSFVEGECCPCLHSVDGE
EGWSPWAEWTQCSVTCGSGTQQRGRSCDVTSNTCLGPSIQTRACSLSKCDTRIR
QDGGWSHWSPWSSCSVTCGVGNITRIRLNCSPVPQMGGKNCKGSGRETKACQG
APCPIDGRWSPWSPWSACTVTCAGGIRERTRVCNSPEPQYGGKACVGDVQERQ
MCNKRSCPVDGCLSNPCFPGAQCSSFPGSWSCGSCPVGFLGNGTHCEDLDECA
LVPDICFSTSKVPRCVNTQPGFHCLPCPPRYRGNQPVGVGLEAAKTEKQVCEPEN
PCKDKTHNCHKHAECIYLGHFSDPMYKCECQTGYAGDGLICGEDSDLDGWPNL
NLVCAATNATYHCIDNCPHLPNSGQEDFDKDGIGDACDDDDNDGVTDEKDNC
QLLFNPRQADYDKDEVGDRCNCPYVHNPAAQIDTDNNGEGDACSVDDIDGDDVF
NERDNCPYVYNTDQRD TDGDGVGDHCDNCPLVHNPQTDVDNDLVGDQCDN
NEDIDDDGHQNNQDNCPYISNANQADHDRDGQGDACDPDDNDGVPDDRDN
RLVFNPQEDLDGDGRGDICKDDFDNDNIPDIDDVCPENNAISETDFRNFQMVPL
DPKGTQIDPNWVIRHQGKELVQTANSDPGIAVGFDEFSGVDFSGTFYVNTDRD
DDYAGFVFGYQSSSRFYVVMWKQVTQTYWEDQPTRAYGYSVSLKVVNSTTG
TGEHLRNALWHTGNTPGQVRTLWHDPRNIGWKDYTAIRWHLTHRPKTGYIRV
LVHEGKQVMADSGPIYDQTYAGGRLGLFVFSQEMVYFSDLKYECRDI

FIG. 2

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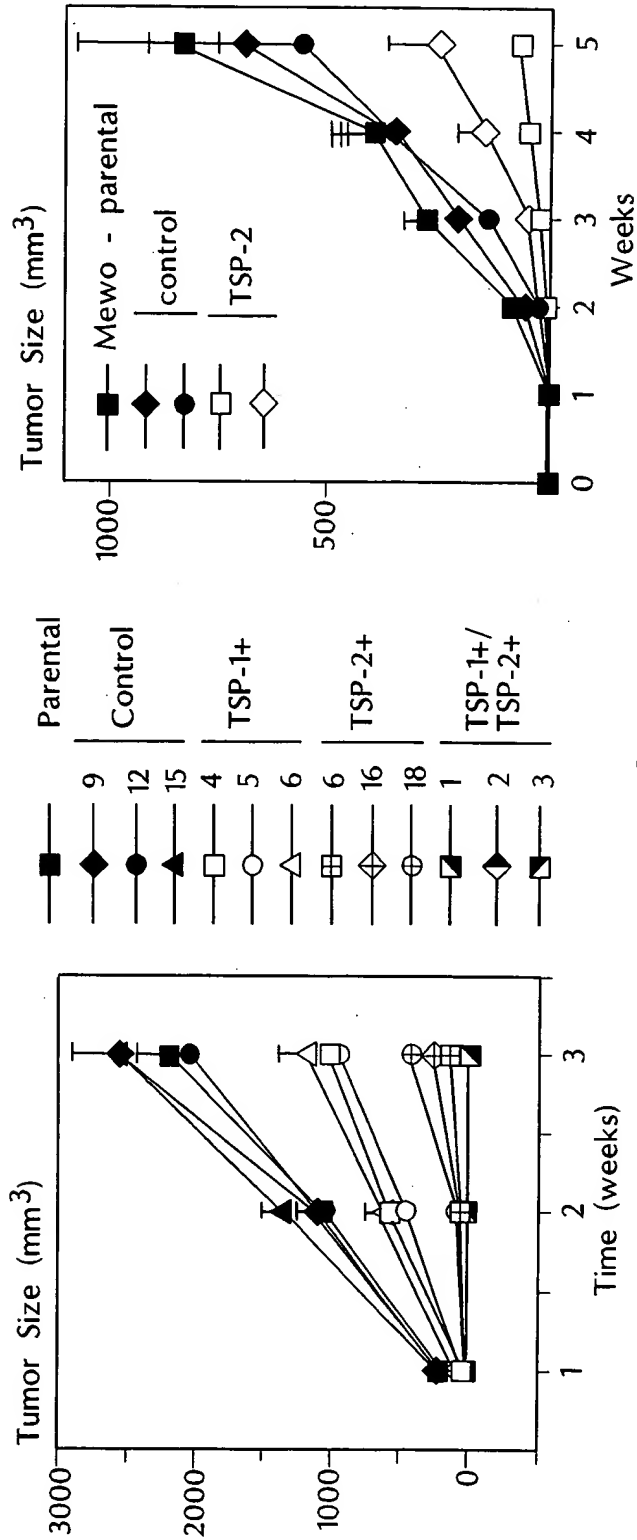
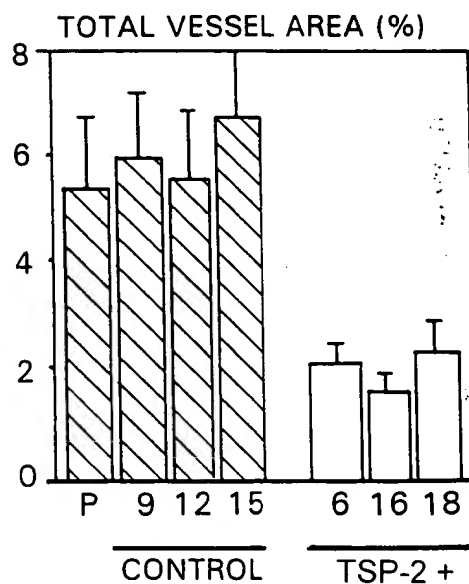
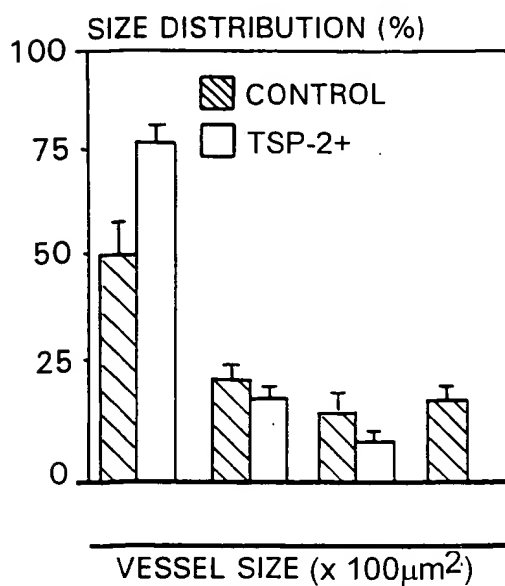
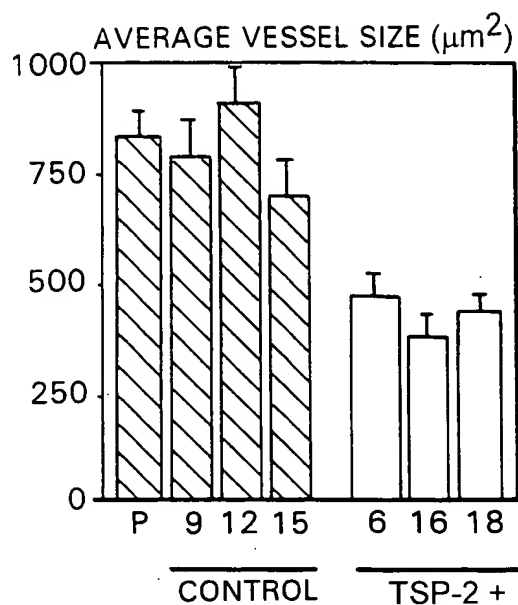
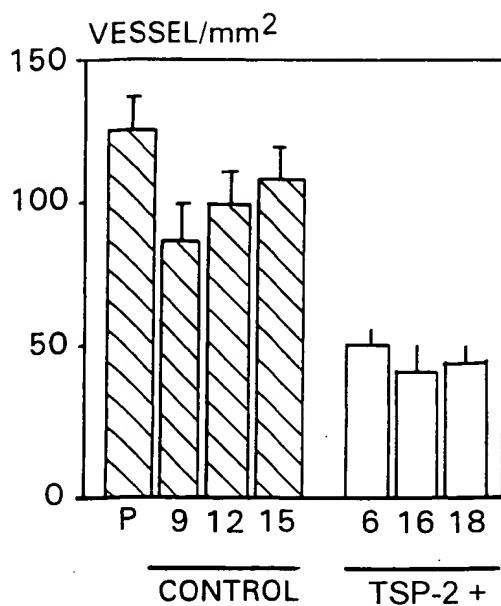
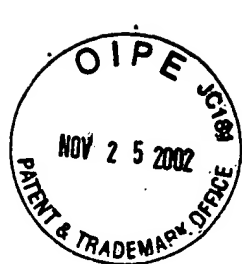


FIG. 3



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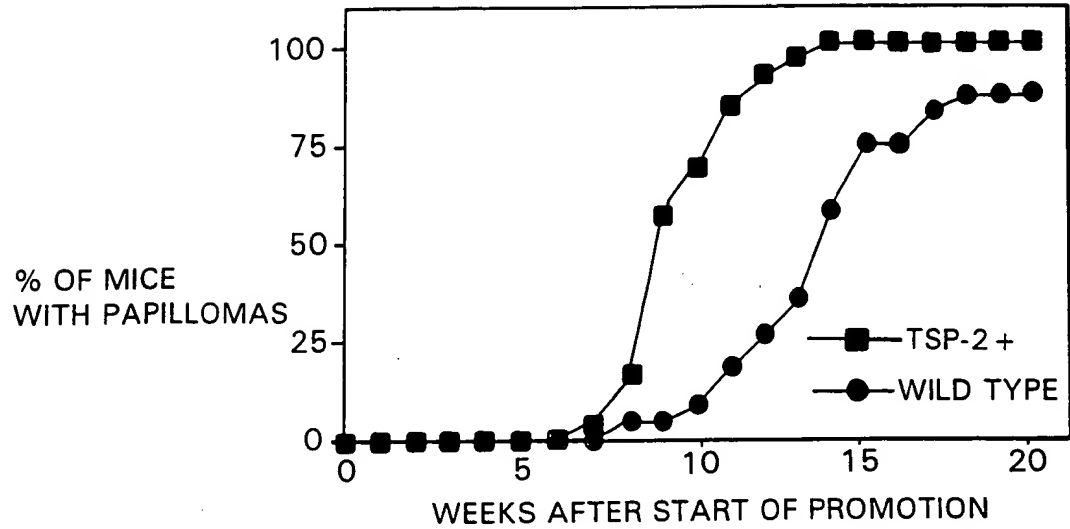


FIG. 5A

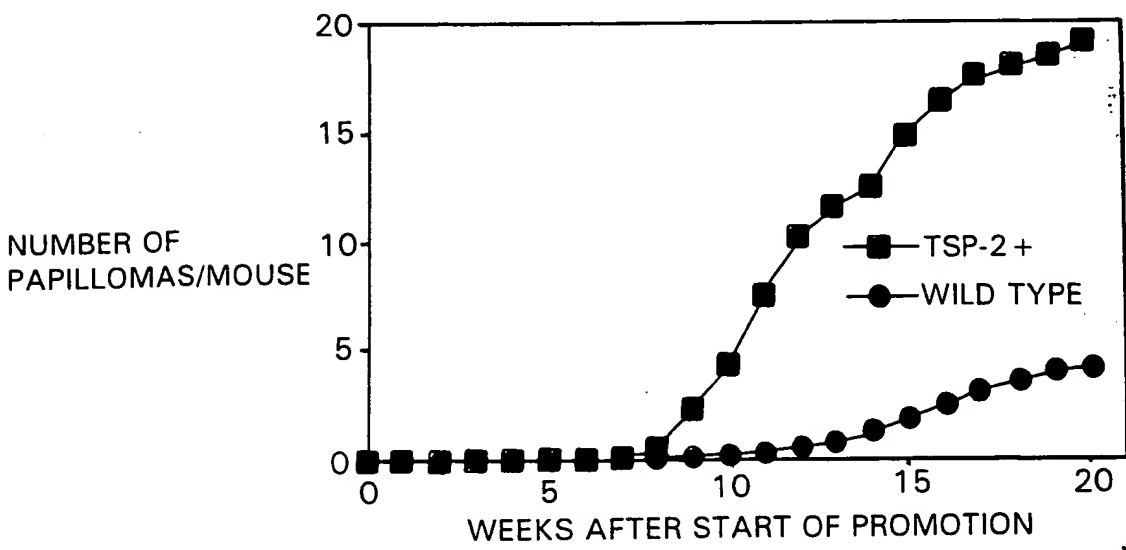


FIG. 5B

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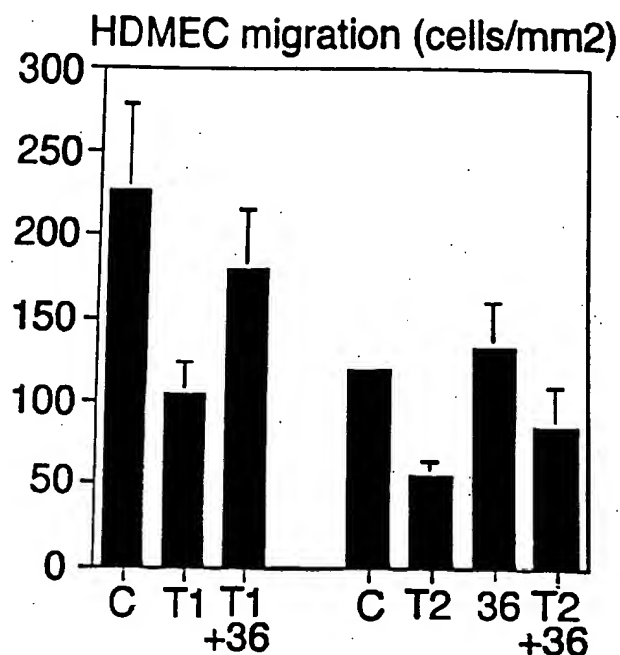


FIG. 6

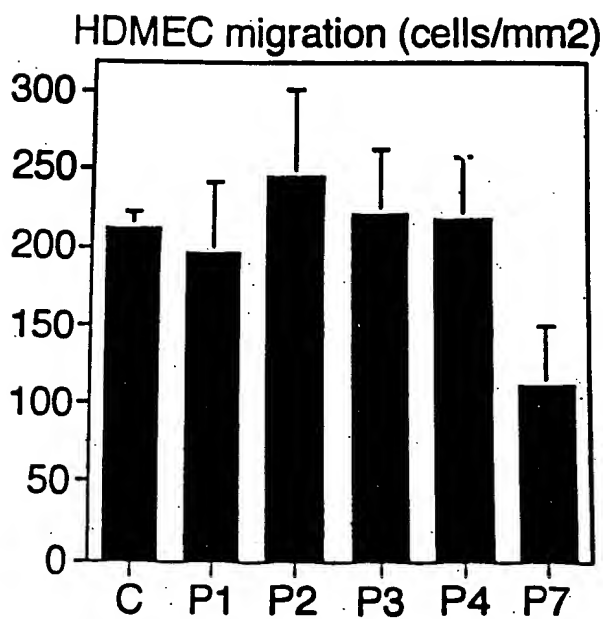


FIG. 7

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